

## Nickel and Nickel Alloys Electrodes

BRAND	AWS	APPROVALS	BASE MATERIAL	APPLICATION	IMAGES
<b>SUPERMONEL</b>	ENiCu-7	CE	ASTM B127/163/164/165	Food, Pumps & Valves manufacturing units, Refineries, Offshore, Foundries, Chemical and Fertilizer plants	
<b>NICALLOY 1</b>	ENi-1	CE	ASTM B160/161/162/163	Refineries, Heat exchanger, Pressure vessel, Pumps and valves, Cryogenics, Chemical plants, Caustic handling equipment's, Food processing equipment's	
<b>NICALLOY Fe-2</b>	ENiCrFe-2	BR CE	ASTM E163/166/167/168, Alloy 600/601	Refineries, Foundries, Heat exchanger, Pressure vessel manufacturing, Chemical plants	
<b>NICALLOY Fe-3</b>	ENiCrFe-3	BR CE	ASTM E163/166/167/168, Inconel 600	Refineries, Foundries, Heat exchanger, Pressure vessel manufacturing, Chemical plants	

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<b>NICALLOY Mo-3</b>	ENiCrMo-3	BR CE ABS LRA	ASTM E163/166/167/168, Inconel 625, Incoloy 825	Overlay cladding where similar chemical composition is required on the clad side	
<b>NICALLOY Mo-4</b>	ENiCrMo-4	CE	Suitable for material 2.4819 (NiMo16Cr15W)	Forge dies, hot-stripping tools, pump rotors, valves	
<b>NICALLOY Mo-5</b>	ENiCrMo-5	CE	Inconel 625/800	Cr-Ni steels high in Mo Surfacing steel clad with a Ni-Cr-Mo alloy	
<b>NICALLOY Mo-6</b>	ENiCrMo-6	CE	ASTM SA 553 Class 1 and SA 353 Class 1 steels	Ni base alloys to steel, stainless/heat resistant cryogenic steels and alloys	
<b>NICALLOY Mo-10</b>	ENiCrMo-10	CE	Material 2.4602 (NiCr21Mo14W)	Digesters and paper making equipment, Scrubbers for flue gas desulphurization, Dissimilar joints between Ni-Cr-Mo alloys and stainless,	

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<b>NICALLOY Mo-12</b>	ENiCrMo-12	CE	Material 2.4602 (NiCr21Mo14W)	Digesters and paper making equipment, Scrubbers for flue gas desulphurization	
<b>NICALLOY Mo-14</b>	ENiCrMo-14	CE	N06686, N06625, N10276, and N06022	chemical and petrochemical process, oil and gas, marine industries	
<b>NICALLOY Fe-7</b>	ENiCrFe-7	CE	Alloy of 690	High temperature cast materials	
<b>NICALLOY NiMo-7</b>	ENiMo-7	CE	ASTM B 333, B 335, B 619, B 622, and B 626	Chemical process industry involving sulfuric, phosphoric, and acetic acid	
<b>NICALLOY 617</b>	ENiCrCoMo-1	CE	Incoloy 800HT, 803 and cast alloys. such as HK-40,	Aerospace industry for engine components, after burners, turbine seals, heat treating. equipment and high temperature service application	

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<b>ALBOND 5 Si</b>	E4043	-	Al alloys with Si upto 7%	Al alloys in the form of pipe, plate, forging & casting	
<b>ALBOND 12 Si</b>	-	-	Al alloys containing more than 7% Si	Al alloys such as G-AlSi 12, G-AlSi 12 (Cu), GAlSi 10Mg, G-AlSi 10Mg (Cu)	